

Notice of Allowability

Application No.

10/643,225

Examiner

Mariceli Santiago

Applicant(s)

BAEK ET AL.

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed July 25, 2005.
2. ☒ The allowed claim(s) is/are 1-5, 8-14 and 17-24.
3. ☒ The drawings filed on 19 August 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Amendment

The Amendment, filed on July 25, 2005, has been entered and acknowledged by the Examiner.

Cancellation of claims 6, 7, 15 and 16 has been entered.

Claims 1-5, 8-14 and 17-24 are pending in the instant application.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the Abstract, pursuant to MPEP 608.01(b), the abstract has been amended as follows,

Delete the first sentence in the abstract reciting, "A color cathode ray tube is disclosed."

Response to Arguments

Applicant's arguments, see Remarks, filed July 25, 2005, Page 11, with respect to the rejection of claims 1 and 11 over Murakami (US 6,812,631) in view of Mashita (JP 2000-306528), have been fully considered and are persuasive. The rejection of claims 1-3, 5, 10-12, 14, 19 and 20 has been withdrawn.

Allowable Subject Matter

Claims 1-5, 8-14 and 17-24 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 1, and specifically comprising the limitation of the panel, the funnel and the reinforcing band satisfy the following condition, $U/U' > 2.5$, and $10.5\text{mm} < h < 20\text{mm}$, wherein a diagonal size of an effective surface of the panel is U, a tube axis directional distance from an outer surface center of the panel to a boundary portion (TOR) between a body part and a yoke part of the funnel is U', and a tube axis directional distance from the outer surface center of the panel to a front edge portion of the reinforcing band is h.

Regarding claims 2, 3, 5 and 10, claims 2, 3, 5 and 10 are allowable for the reasons given in claim 1 because of their dependency status from claim 1.

Claims 4, 8, 9, 13, 17, 18, and newly added dependent claims 21-24 are allowed for substantially the same reasons stated in the previous office action.

Regarding claim 11, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 11, and specifically comprising the limitation of the panel, the funnel, and the reinforcing band satisfy the following condition, $U/L > 2.0$ and $10.5\text{mm} < h < 20\text{mm}$, wherein a diagonal size of an effective surface of the panel is U, a tube axis directional distance from the outer surface center of the panel to a deflection reference line (RL) of the funnel is L, and a tube axis directional distance from the outer surface center of the panel to a front edge portion of the reinforcing band is h.

Regarding claims 12, 14, 19 and 20, claims 12, 14, 19 and 20 are allowable for the reasons given in claim 11 because of their dependency status from claim 11.

Art Unit: 2879

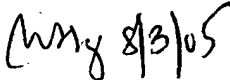
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mariceli Santiago whose telephone number is (571) 272-2464. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel, can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Mariceli Santiago
Primary Examiner
Art Unit 2879